

a portion of the flexible ring portion at or adjacent the free end thereof having an external, first cam surface which defines a wedge shape with the inner working surface of said portion;

said wedge shape increasing in thickness towards the free end of the flexible ring portion; and

said clamping means having a second cam surface arranged to cooperate with said wedge-shaped portion so that when torque is applied to said head portion in said predetermined direction, said wedge-shaped portion is urged in such a peripheral direction relative to the workpiece as to tend to close the flexible ring portion around said workpiece.

19. (New) A wrench as claimed in claim 18, wherein said second cam surface is generally convex.

20. (New) A wrench as claimed in claim 18, wherein said first cam surface is generally concave.

21. (New) A wrench as claimed in claim 18, wherein said second cam surface is formed integrally with said wrench.

22. (New) A wrench as claimed in claim 18, wherein said second cam surface is provided by an insert.

23. (New) A wrench as claimed in any claim 18, wherein said ring member comprises a plurality of segments.

24. (New) A wrench as claimed in claim 23, wherein said segments define a generally polygonal inner surface of said ring member.

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25. (New) A wrench as claimed in claim 23, wherein each of said segments has an inner surface which is generally convex in the circumferential direction of said ring member.

26. (New) A wrench as claimed in 23, wherein at least some of said segments are formed integrally with one another and said ring member is adapted to deform resiliently at junctions between adjacent, integrally formed segments.

27. (New) A wrench as claimed in claim 26, wherein said junctions between adjacent, integrally formed rings have a reduced thickness in the radial direction as compared with the remainder of said segments.

28. (New) A wrench as claimed in claim 27, wherein said junctions comprise portions of the inner surface of said ring member which are generally concave in the circumferential direction of said ring member.

29. (New) A wrench as claimed in claim 18, wherein the inner surface of said ring member is corrugated.

30. (New) A wrench as claimed in claim 18, wherein said head portion includes means for limiting movement of said portion of said ring member relative to said fixed end thereof in said predetermined direction.

31. (New) A wrench as claimed in claim 18, wherein said head portion includes means for limiting movement of said portion of said ring member relative to said fixed end thereof in a direction opposite to said predetermined direction.

32. (New) A wrench as claimed in claim 18, wherein said head portion includes hinge means whereby at least a portion of said ring member may be pivoted in the plane of said ring member relative to the remainder of said head portion.

33. (New) A wrench as claimed in claim 32, wherein said ring member comprises a plurality of segments and wherein said hinge means is located between at least one pair of adjacent segments.

34. (New) A wrench as claimed in claim 31, including resilient bias means associated with said hinge means and adapted to bias said ring member towards a closed position.